



## *Patuxent Science Meeting 2004 Poster Abstract*

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### **Regional and State Surveys in the Northeast Region of the USGS Amphibian Research and Monitoring Initiative (ARMI)**

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The U.S. Geological Survey (USGS) Amphibian Research and Monitoring Initiative (ARMI) was established by Congress in 2000 to monitor amphibian populations and to determine causes of amphibian declines and malformations in the United States. The northeast ARMI region, covering 13 states from West Virginia and Virginia to Maine, is home to 30 anuran (frog and toad) and 56 salamander species. NE ARMI has conducted and sponsored several regional and state-based projects focused on stream salamanders, vernal pool amphibians, and calling anurans. These studies are being used to determine if amphibians serve as good indicators of the health of the aquatic-terrestrial habitats in which they live and whether population presence and abundance and changes in these parameters over time are related to various environmental or landscape features. State and regional surveys such as these are leading to a broader understanding of the status of amphibians in the northeastern United States.